

**CPC****COOPERATIVE PATENT CLASSIFICATION****G10C****PIANOS, HARPSICHORDS, SPINETTS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARD**

(non-musical aspects of toy pianos [A63H 5/00](#); aspects of automatic actuation [G10F](#) ; combinations of microphones, pick-ups or amplifiers with musical instruments [G10H](#) )

**Guide heading:****G10C 1/00****General design**

## G10C 1/02

- . of upright pianofortes

## G10C 1/04

- . of grand pianofortes

## G10C 1/06

- . of cembaloes, spinets, or similar stringed instruments { (keyboard-operated zithers [G10D 3/085](#)) }

**G10C 3/00****Details or accessories**

## G10C 3/02

- . Cases

## G10C 3/04

- . Frames  
Bridges  
Bars

## G10C 3/06

- . Resonating means, e.g. resonant strings, soundboards  
Fastenings of the resonating means

## G10C 3/08

- . Arrangements of strings

## G10C 3/10

- . Tuning pins or straining devices

## G10C 3/103

- .. {the axis of the pins being parallel to the string }

## G10C 3/106

- .. {the axis of the pins being perpendicular to the string }

## G10C 3/12

- . Keyboards  
Keys

## G10C 3/125

- .. {Materials or treatment of materials for the manufacturing of keys }

## G10C 3/14

- .. for actuation by the feet

## G10C 3/16

- . Actions

## G10C 3/161

- .. {specially adapted for upright pianos }

## G10C 3/163

- ... {the actions being mounted in a plane below the keyboard }

## G10C 3/165

- .. {for plucking the strings, i.e. for instruments covered by group [G10C 1/06](#) (plucking mechanisms for keyboard-operated zithers [G10D 3/085](#)) }

- G10C 3/166 . . {for damping a string ([G10C 3/161](#), [G10C 3/168](#), [G10C 3/20](#), [G10C 3/22](#), [G10C 3/26](#) take precedence) }
- G10C 3/168 . . {with a hanging jack, i.e. jack connected to hammer-butt or hammer-shank }
- G10C 3/18 . . Hammers
- G10C 3/20 . . involving the use of hydraulic, pneumatic, or electromagnetic means
- G10C 3/22 . . {specially adapted } for grand pianofortes
- G10C 3/225 . . . {the actions, in particular the hammers, being mounted above the strings, i.e. hammers hitting downwards }
- G10C 3/24 . . for reciprocating of tremolo { ([G10C 3/161](#), [G10C 3/168](#), [G10C 3/20](#), [G10C 3/22](#) take precedence) }
  
- G10C 3/26 . Pedals or pedal mechanisms for half-blow or similar sound modifying
- G10C 3/28 . Transposing devices
- G10C 3/30 . Couplers, e.g. for playing octaves
  
- G10C 5/00** **Combinations with other musical instruments, e.g. with bells or xylophones**
- G10C 5/005 . {Switching the keyboard from piano playing to playing another instrument }
  
- G10C 9/00** **Methods or tools specially adapted for the manufacture or maintenance of musical instruments covered by this subclass**